

CLAIMS

What is claimed is:

1. A toothpick for light treatment at a body structure, comprising:

- 5 (a) a handle, wherein said handle comprises a light source capable of delivering a light beam, wherein said light beam provides said light treatment; and
- (b) an element optically connected to said light source, wherein said element is slender and elongated, and wherein said light beam radiates through the surface of said element at said body structure, said radiation is not limited to radiation through the tip of said element.

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2. The toothpick as set forth in claim 1, wherein said element is a transparent element and said light beam radiates substantially through the entire surface of said transparent element.

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3. The toothpick as set forth in claim 1, further comprising one or more optical guides and said light beam radiates through said one or more optical guides.

4. The toothpick as set forth in claim 1, wherein said handle comprises two or more light sources each capable of delivering a unique light treatment.

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5. The toothpick as set forth in claim 1, wherein said element is tapered.

6. The toothpick as set forth in claim 1, wherein the end of said element comprises a bead shape.
7. The toothpick as set forth in claim 1, wherein said element comprises a flat shaped head.
8. The toothpick as set forth in claim 1, wherein the surface of said element comprises texture.
9. The toothpick as set forth in claim 1, wherein said element further comprises bristles.
10. The toothpick as set forth in claim 9, wherein said bristles are transparent to said light beam.
11. The toothpick as set forth in claim 1, wherein said handle is a removable, a disposable, a reusable or a replaceable handle or said element is a removable, a disposable, a reusable or a replaceable element.
12. The toothpick as set forth in claim 1, wherein said element comprises a soft plastic, a silicone or a latex.

13. The toothpick as set forth in claim 1, wherein said element is bendable or formable.
14. The toothpick as set forth in claim 1, wherein said element has a pre-arranged angle.
15. The toothpick as set forth in claim 1, wherein said light source is a low power laser, a light emitting diode or a semiconductor laser.
16. The toothpick as set forth in claim 1, wherein light treatment is selected from the group consisting of an anti-inflammatory effect, a preventative effect, an anti-bacterial effect, a sterilizing effect, a heating effect, a caries-protective effect, a cleaning effect, a cosmetic effect, a therapeutic effect, a healing effect, a bio-stimulative effect, a bio-altering effect, a pain-releasing effect, an agent penetrating effect, a photo-rejuvenating effect, a photo-dynamic treatment effect or a tissue stimulating effect.
17. The toothpick as set forth in claim 1, wherein said light beam comprises light from the ultraviolet, visible or infrared spectrum.
18. The toothpick as set forth in claim 1, wherein said body structure comprises a naturally created body structure, a wound, or a surgically created body structure.

19. The toothpick as set forth in claim 1, wherein said light beam is applied in a manner selected from the group consisting of a pulsed manner and a continuous manner.
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20. The toothpick as set forth in claim 1, further comprising one or more optical components wherein said one or more optical components are selected from the group consisting of optical guides or paths, optical fibers, lenses, mirrors, prisms, reflective coatings, reflective grooves, beam splitters, collimators, light
- 10 channels and gratings.
21. The toothpick as set forth in claim 1, further comprising a massaging means to massage said body structure.
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22. The toothpick as set forth in claim 1, further comprising a floss.
23. The toothpick as set forth in claim 22, wherein said floss is a transparent floss and wherein said floss is optically connected to said light beam of said light source or said floss is optically connected to a different light
- 20 beam of a different light source.

24. A toothpick for light treatment at a body structure, comprising:
- (a) a handle, wherein said handle comprises a light source capable of delivering a light beam, wherein said light beam provides said light treatment; and
 - (b) an element optically connected to said light source, wherein said element is slender and elongated, wherein said element is bendable or formable to a desired angle, and wherein said light beam radiates through the surface of said element at said body structure.
25. A method to optically apply a light treatment at a body structure, comprising the steps of:
- (a) optically connecting an element to a light source capable of delivering a light beam, wherein said light beam provides said light treatment, wherein said light beam radiates through the surface of said element at said body structure, said radiation is not limited to radiation through the tip of said element; and
 - (b) positioning said element with respect to said body structure to apply said light treatment at said body structure.
26. The method as set forth in claim 25, further comprising the step of providing a handle to host said light source and said handle is disposably or reusablely attached to said element.

27. The method as set forth in claim 25, further comprising the step of bending or forming said element.
28. The method as set forth in claim 25, wherein said element is provided in a pre-arranged angle.
29. The method as set forth in claim 25, further comprising two or more light sources each capable of delivering a unique light treatment.
30. The method as set forth in claim 29, wherein the relative location of said transparent tip with respect to said body structure is varied, and therewith varying the application of said light treatments provided by said two or more light sources with respect to said body structure to achieve blending of said light treatments at said body structure.
31. The method as set forth in claim 25, wherein light treatment is selected from the group consisting of an anti-inflammatory effect, a preventative effect, an anti-bacterial effect, a sterilizing effect, a caries-protective effect, a cleaning effect, a cosmetic effect, a therapeutic effect, a healing effect, a bio-stimulative effect, a bio-altering effect, a pain-releaving effect, an agent penetrating effect, a photo-rejuvenating effect, a photo-dynamic treatment effect or a tissue stimulating effect.

32. The method as set forth in claim 25, further comprising the step of adding an agent to said body structure.
- 5 33. The method as set forth in claim 25, further comprising the step of massaging said body structure with said element.
34. The method as set forth in claim 25, further comprising the step of providing a massaging means to massage said body structure.
- 10 35. The method as set forth in claim 25, further comprising the step of adding a floss to said toothpick and using said floss to floss said body structure.
- 15 36. The method as set forth in claim 35, wherein said floss is a transparent floss and further comprising the step of optically connecting said transparent floss to said light beam of said light source or optically connecting said transparent floss to a different light beam of a different light source.